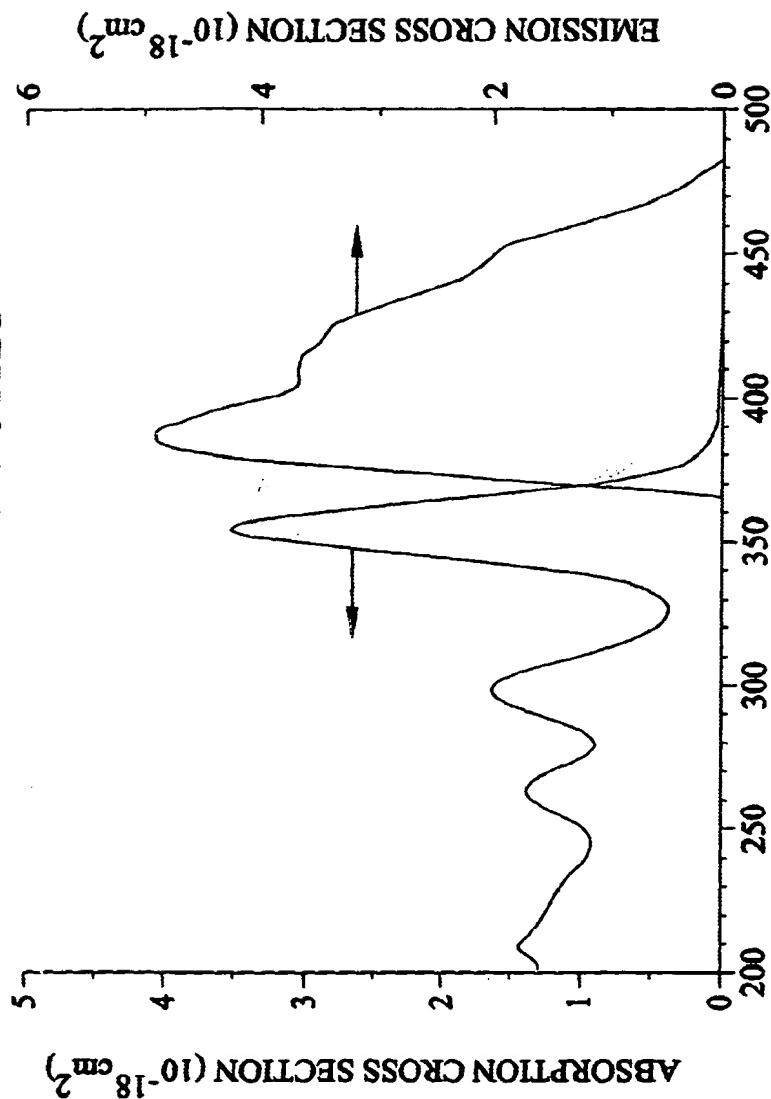




6624420

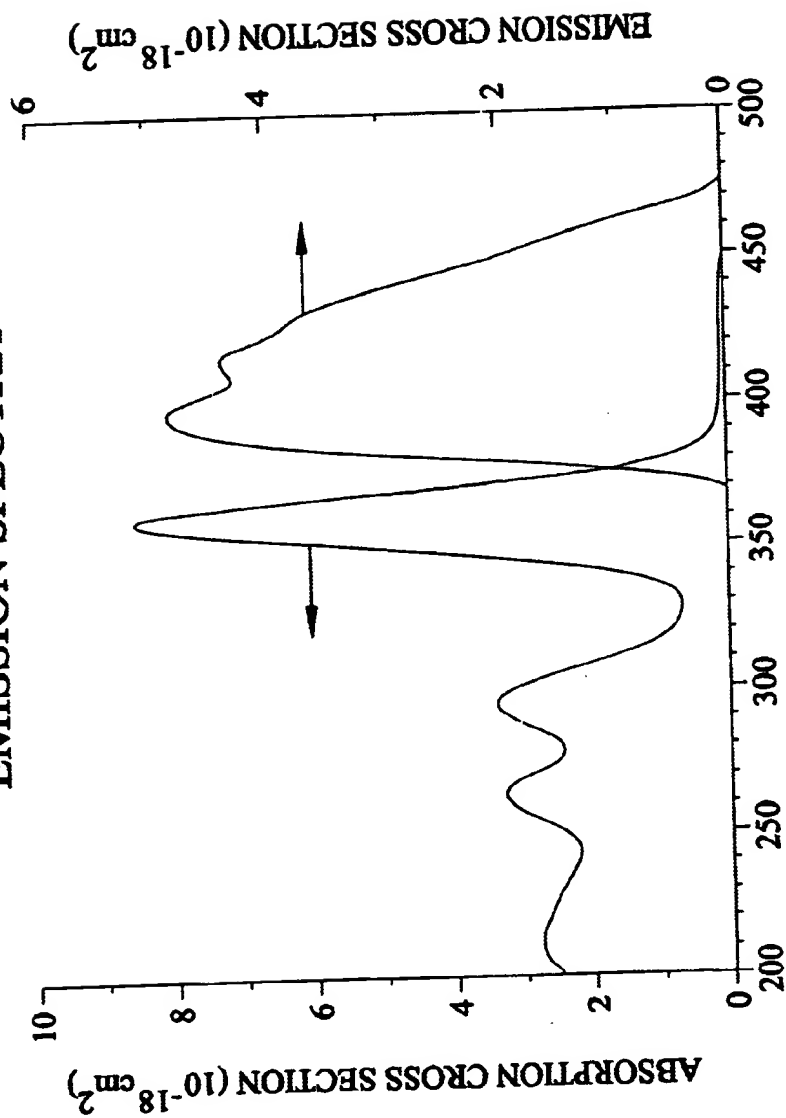
09506160

$\text{Ce}^{3+}:\text{Y}_2\text{SiO}_5$  ABSORPTION AND  
EMISSION SPECTRA





$\text{Ce}^{3+} : \text{Lu}_2\text{SiO}_5$  ABSORPTION AND  
EMISSION SPECTRA



WAVELENGTH (nm)  
FIG. 1B (LSO)



# SCINTILLATING DETECTORS

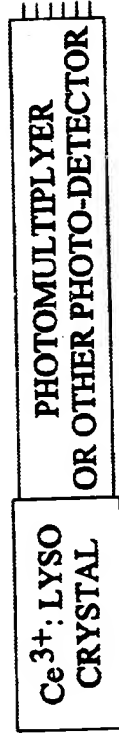
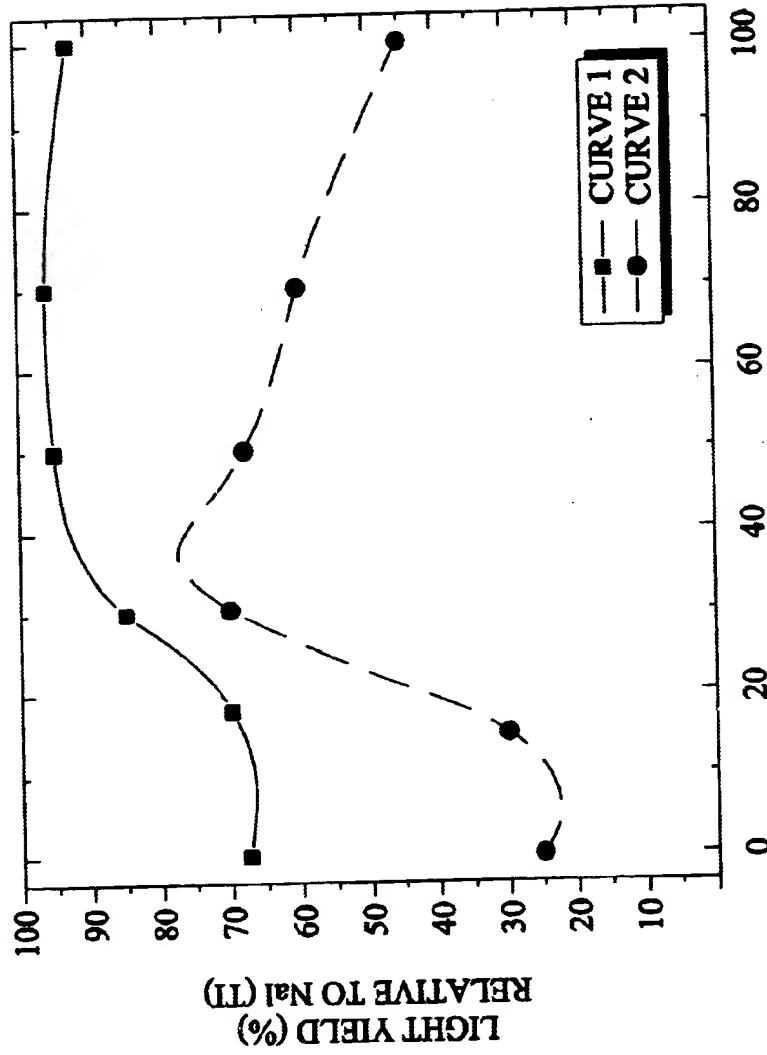


FIG. 2



# SCINTILLATING RESULT



% OF Lu IN LYSO

FIG. 3

